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PILLSBURY WINTHROP SHAW PITTMAN, LLP
P.O. BOX 10500
MCLEAN, VA 22102

EXAMINER

HASHEM, LISA

ART UNIT	PAPER NUMBER
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2614

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	04/09/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary

Application No.

10/089,405

Applicant(s)

HAUMONT, SERGE

Examiner

Lisa Hashem

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 19 December 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-32 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-32 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

FINAL DETAILED ACTION

Response to Arguments

1. Applicant's arguments filed 12-19-2006 have been fully considered but they are not persuasive.
2. Applicant argues that Hartmaier does not disclose '...providing services after the account is depleted...', '...any subscription-specific grouping operations related to the services...', '...using the first set of services when the balance of the account does not reach the first limit; and using the second set of services when the balance reaches the first limit...', '...using a second group of services when the system detects either of these thresholds...', and '...any services that could be applied via subscription in connection with monitoring the threshold...' as cited in claims 1-25. Examiner disagrees. Hartmaier clearly discloses providing services (e.g. replenishing a subscriber's account) after the account is depleted or exhausted (col. 2, lines 27-32; col. 7, line 62 - col. 8, line 34). The limitation '...any subscription-specific grouping operations related to the services...' is not addressed in claims 1-32. The Examiner has broadly interpreted a first set of services and a second set of services as two different sets of services distinct from each other (e.g. making long distance phone calls and replenishing a user account) that a subscriber uses that is associated with a subscriber account or subscription. Hartmaier clearly discloses using a first set of services (e.g. telephony services including making a phone call) when the balance of the account does not reach the first limit; and using the second set of services (e.g. replenishing the subscriber's account) when the balance reaches the first limit or is exhausted (col. 2, lines 17-32; col. 5, lines 4-18; col. 7, line 54 - col. 8, line 34). Hartmaier further discloses using a second group of services (e.g. replenishing the account) when the

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system detects a threshold (col. 7, line 54 – col. 8, line 34), wherein replenishing an account is a service that is only accessible by a subscriber having an account.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1, 2, 4-8, 10-16, and 18-32 are rejected under 35 U.S.C. 102(e) as being clearly anticipated by U.S. Patent No. 6,393,269 by Hartmaier et al, hereinafter Hartmaier.

Regarding claim 1, Hartmaier discloses a method of determining services accessible via a subscription having an account (e.g. pre-paid subscriber account) and at least a first limit (e.g. predetermined minimum account threshold) in a communication system (Fig. 1) (see Abstract; col. 2, lines 8-32; col. 2, lines 49-53; col. 10, lines 5-39);
defining at least a first set of services (e.g. telephony services) and a second set of services (e.g. replenishment of the account, calls with special rates) (col. 8, line 18 – col. 9, line 25; col. 10, lines 5-39);
comparing the balance of the account with the first limit (col. 2, lines 17-32; col. 5, lines 4-18; col. 7, line 54 – col. 8, line 34);
using the first set of services (e.g. making or receiving a call) when the balance of the account does not reach the first limit (e.g. sufficient account balance) (col. 5, lines 4-18; col. 8, line 35 – col. 9, line 25); and

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using the second set of services (e.g. replenishment of the account, calls with special rates) when the balance reaches the first limit (e.g. threshold is reached) (col. 2, lines 17-32; col. 8, lines 18-34; col. 10, lines 21-32).

Regarding claim 2, a method as claimed in claim 1, wherein Hartmaier further discloses the method further comprising:

using in the communication system (Fig. 1) access point names to define where and how to

connect the user of the subscription (col. 3, lines 54-59; col. 5, lines 4-18);

selecting during connection activation an access point name to be used with this connection (col. 5, lines 4-6);

defining a first access point name (e.g. SCP) for the first set of services (col. 4, lines 13-17); and

defining a second access point name for the second set of services (col. 2, lines 17-32).

Regarding claim 4, a method as claimed in claim 1, wherein Hartmaier further discloses the method further comprising defining accessible services via a set of services by defining at least a range of allowed addresses for the set of services (e.g. call restrictions for certain phone numbers) (col. 2, lines 23-26; col. 10, lines 5-65).

Regarding claim 5, a method as claimed in claim 1, wherein Hartmaier further discloses the method further comprising the step of indicating the set of services which is to be used by charging characteristics to be applied (col. 2, lines 17-32; col. 8, lines 32-34).

Regarding claim 6, a method as claimed in claim 1, wherein Hartmaier further discloses the second set of services comprising services free of charge (col. 10, lines 21-32).

Regarding claim 7, a method as claimed in claim 1, wherein Hartmaier further discloses the second set of services being a subset of the first set of services (col. 10, lines 21-32).

Regarding claim 8, a method as claimed in claim 1, wherein Hartmaier further discloses the method further comprising informing the user of the subscription of the services accessible via the second set of services in response to using the second set of services (col. 8, lines 32-34; col. 10, lines 21-32).

Regarding claim 10, a method as claimed in claim 1, wherein Hartmaier further discloses the subscription is a prepaid subscription;
the first limit is the preset minimum value for the account; and
the balance of the account indicates the amount of money the subscriber still has in use (col. 1, lines 28-36; col. 2, lines 8-23; col. 5, lines 4-18).

Regarding claim 11, a method as claimed in claim 10, wherein Hartmaier further discloses at least the second set of services comprises a deposition service (col. 2, lines 17-32; col. 7, line 54 – col. 8, line 34).

Regarding claim 12, a method as claimed in claim 11, wherein Hartmaier further discloses the depositing service utilizes authentication of the communication system when authenticating the one who wants to deposit (col. 2, lines 27-32).

Regarding claim 13, Hartmaier discloses a communication system (Fig. 1) providing a subscription with an account (e.g. pre-paid subscriber account) and at least a first limit (e.g. predetermined minimum account threshold) (see Abstract; col. 2, lines 8-32; col. 2, lines 49-53; col. 10, lines 5-39),
the communication system (Fig. 1) comprising:
a first node (e.g. SCP with call monitoring module) monitoring the balance of the account (col. 2, lines 17-32; col. 5, lines 4-18; col. 7, line 54 – col. 8, line 34),

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wherein: the communication system comprises memory for storing definitions of at least a first set of services (e.g. telephony services) and a second set of services (e.g. replenishment of the account, calls with special rates) to be used with the subscription (col. 8, line 18 – col. 9, line 25; col. 10, lines 5-39),

each set of services defining services accessible via the subscription (col. 8, line 18 – col. 9, line 25; col. 10, lines 5-39); and

the communication system is arranged to compare the balance with the first limit and to allow access to the first set of services (e.g. making a call or receiving a call) when the balance has not reached the first limit (e.g. sufficient account balance) (col. 5, lines 4-18; col. 8, line 35 – col. 9, line 25), and

to allow access to the second set of services (e.g. replenishment of the account, calls with special rates) when the balance has reached the first limit (e.g. threshold is reached) (col. 2, lines 17-32; col. 8, lines 18-34; col. 10, lines 21-32).

Regarding claim 14, a communication system as claimed in claim 13, wherein: Hartmaier further discloses

the first node is arranged to perform the comparison during connection activation and to indicate which set of services is to be used with the connection; and

in response to a connection with access to the first set of services to inherently trigger deactivation of the connection when the balance reaches the first limit (col. 7, line 54 – col. 8, line 34).

Regarding claim 15, a communication system as claimed in claim 13, wherein: Hartmaier further discloses the communication system further comprises a second node (e.g. MSC)

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maintaining subscription information including at least an indication indicating an allowed set of services for the subscription (col. 3, lines 54-63; col. 4, lines 9-28; col. 5, lines 1-18; col. 10, lines 5-17);

the first node is arranged to perform the comparison and in response to the balance reaching the first limit to direct the second node to set the second set of services as the allowed set of services and in response to the balance, not any more reaching the first limit after reaching the first limit, to direct the second node to set the first set of services as the allowed set of services (col. 7, line 54 – col. 8, line 34); and

the second node is arranged to send at least information on the allowed set of services as a part of the subscription information to the communication system during connection activation; in response to a received direction from the first node to modify the first indication to correspond to the received direction; and in response to modifying the allowed set of services of an active connection to trigger deactivation of the connection (col. 5, lines 2-18; col. 7, line 54 – col. 8, line 34).

Regarding claim 16, a communication system as claimed in claim 15, wherein Hartmaier further discloses the subscription information maintained in the second node further includes at least identification information on the first and second set of services and the indication indicates which one of the sets of services is the allowed set of services (col. 5, lines 2-18; col. 7, line 54 – col. 8, line 34).

Regarding claim 18, Hartmaier discloses a network node (e.g. SCP with a call monitoring module) (Fig. 1: 101, 102, 110) in a communication system (Fig. 1) providing a subscription with an account (e.g. pre-paid subscriber account) and at least a first limit (e.g. predetermined

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minimum account threshold) (see Abstract; col. 2, lines 8-32; col. 2, lines 49-53; col. 10, lines 5-39),

the network node being arranged to monitor the balance of the account (col. 2, lines 17-32; col. 5, lines 4-18; col. 7, line 54 – col. 8, line 34),

wherein: the network node is arranged to compare the balance with the first limit and to allow access to a first set of services (e.g. making or receiving a call) when the balance does not reach the first limit (e.g. sufficient account balance) (col. 5, lines 4-18; col. 8, line 35 – col. 9, line 25), and

to allow access to a second set of services (e.g. replenishment of the account, calls with special rates) when the balance reaches or has reached the first limit (e.g. threshold is reached) (col. 2, lines 17-32; col. 8, lines 18-34; col. 10, lines 21-32),

both sets of services defining services accessible via the subscription (col. 2, lines 8-32; col. 2, lines 49-53; col. 10, lines 5-39).

Regarding claim 19, Hartmaier discloses a network node (e.g. SCP with a call monitoring module) (Fig. 1: 101, 102, 110) in a communication system (Fig. 1) providing a subscription with an account (e.g. pre-paid subscriber account) and at least a first limit (e.g. predetermined minimum account threshold) (see Abstract; col. 2, lines 8-32; col. 2, lines 49-53; col. 10, lines 5-39),

the network node being arranged to monitor the balance of the account (col. 2, lines 17-32; col. 5, lines 4-18; col. 7, line 54 – col. 8, line 34),

wherein: the network node is arranged to communicate with a second network node (e.g. MSC) (section 0059, line 1 – section 0060, line 23);

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to compare the balance with the first limit (col. 2, lines 17-32; col. 5, lines 4-18; col. 7, line 54 – col. 8, line 34); and

to indicate to the second network node which set of services from among at least two different sets of services (e.g. telephony services, replenishment of the account, calls with special rates) defined for the subscription is the allowed set of services on the basis of said comparison, each set of said at least two different sets of services defining services accessible via the subscription (col. 2, lines 8-32; col. 2, lines 49-53; col. 7, line 54 – col. 8, line 34; col. 10, lines 5-39).

Regarding claim 20, a network node as claimed in claim 19, wherein Hartmaier further discloses the network node is arranged to indicate the allowed set of services in response to the balance reaching the limit and in response to the balance not any more reaching the limit (col. 5, lines 1-18; col. 7, line 54 – col. 8, line 34; col. 10, lines 5-39).

Regarding claim 21, Hartmaier discloses a network node (e.g. MSC) in a communication system (Fig. 1) providing a subscription (col. 4, lines 9-37; col. 5, lines 4-18), wherein the network node is arranged to receive from the communication system an indication indicating the use of a certain set of services from among at least two different sets of services (e.g. telephony services, replenishment of the account, calls with special rates) defined for the subscription, each set of said at least two different sets of services defining services accessible via the subscription; and

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in response to receiving the indication to provide access only to services included in the indicated certain set of services (col. 2, lines 8-32; col. 2, lines 49-53; col. 7, line 54 – col. 8, line 34; col. 10, lines 5-39).

Regarding claim 22, a network node as claimed in claim 21, wherein Hartmaier further discloses the network node is arranged, in response to receiving the indication, to inform the user of the subscription of the services accessible via the indicated certain set of services (col. 6, line 32 – col. 8, line 34; col. 10, lines 5-39).

Regarding claim 23, a network node as claimed in claim 21, wherein Hartmaier further discloses the network node is arranged to receive an access point name (e.g. SCP with call monitoring module) as the indication of the set of services, the access point name being used in the communication system to define where and how to connect the user of the subscription (col. 3, lines 54-59; col. 4, lines 13-17; col. 5, lines 4-18).

Regarding claim 24, a network node as claimed in claim 21, wherein Hartmaier further discloses the network node is an application server or switch (col. 3, line 54 – col. 4, line 8).

Regarding claim 25, Hartmaier discloses a method of determining services accessible via a subscription having an account (e.g. pre-paid subscriber account) and at least a predetermined first limit (e.g. predetermined limit) in a communication system (Fig. 1), the method comprising:

maintaining definitions of at least a first set of services (e.g. telephony services) and a second set of services (e.g. replenishment of the account, calls with special rates) to be used with the subscription, each set of services defining services accessible via the subscription (col. 2, lines 8-32; col. 2, lines 49-53; col. 7, line 54 – col. 8, line 34; col. 10, lines 5-39),

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the second set of services being a subset of the first set of services and comprising services which are not charged from the subscriber (col. 10, lines 5-39);

comparing during connection activation, the balance of the account with the first limit;

deciding, during connection activation and on the basis of the comparison, which set of services, among said at least the first set of services and the second set of services, can be used;

using the first set of services (e.g. making a call or receiving a service) when the balance of the account does not reach the first limit (e.g. sufficient account balance) (col. 5, lines 4-18; col. 8, line 35 – col. 9, line 25); and

using the second set of services (e.g. replenishment of the account, calls with special rates) when the balance reaches the first limit (col. 2, lines 8-32; col. 2, lines 49-53; col. 7, line 54 – col. 8, line 34; col. 10, lines 5-39).

Regarding claim 26, Hartmaier discloses a processor comprising program code configuring a network element (e.g. SCP with call monitoring module) in a communication system to:

provide a subscription with an account (e.g. pre-paid subscriber account) and at least a first limit (e.g. predetermined minimum account threshold),

monitor the balance of the account,

compare the balance with the first limit and to allow access to a first set of services (e.g. making or receiving a call) when the balance does not reach the first limit, and

allow access to a second set of services (e.g. replenishment of the account) when the balance reaches or has reached the first limit, both sets of services defining services accessible via the

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subscription (col. 2, lines 17-32; col. 5, lines 4-18; col. 7, line 54 – col. 9, line 25; col. 10, lines 5-39).

Regarding claim 27, Hartmaier discloses a processor comprising program code configuring a network element (e.g. SCP with call monitoring module) in a communication system to provide a subscription with an account (e.g. pre-paid subscriber account) and at least a first limit, monitor the balance of the account, communicate with a second network node (e.g. MSC); compare the balance with the first limit; and to indicate to the second network node which set of services from among at least two different sets of services (e.g. making or receiving a call and replenishment of the account) defined for the subscription is the allowed set of services on the basis of said comparison, each set of said at least two different sets of services defining services accessible via the subscription (col. 2, lines 17-32; col. 5, lines 4-18; col. 7, line 19 – col. 9, line 25; col. 10, lines 5-39).

Regarding claim 28, a processor as claimed in claim 27, wherein Hartmaier further discloses further comprising program code configuring the network element to indicate the allowed set of services in response to the balance reaching the limit and in response to the balance not any more reaching the limit (col. 7, line 54 – col. 8, line 34).

Regarding claim 29, Hartmaier discloses a processor comprising program code configuring a network element (e.g. SCP with call monitoring module) in a communication system to: provide a subscription (e.g. pre-paid subscriber account), receive from the communication system an indication indicating the use of a certain set of services from among at least two different sets of services (e.g. making or receiving a call and replenishment of the

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account) defined for the subscription, each set of said at least two different sets of services defining services accessible via the subscription; and provide, in response to receiving the indication, access only to services included in the indicated certain set of services (col. 2, lines 17-32; col. 5, lines 4-18; col. 7, line 19 – col. 9, line 25; col. 10, lines 5-39).

Regarding claim 30, a processor as claimed in claim 29, wherein Hartmaier further discloses further comprising program code configuring the network element to, in response to receiving the indication, inform the user of the subscription of the services accessible via the indicated certain set of services (col. 7, line 19 – col. 9, line 25).

Regarding claim 31, a processor as claimed in claim 29, wherein Hartmaier further discloses further comprising program code configuring the network element to receive an access point name (e.g. SCP) as the indication of the set of services, the access point name being used in the communication system to define where and how to connect the user of the subscription (col. 2, lines 17-32; col. 4, lines 13-17; col. 5, lines 4-18; col. 7, line 54 – col. 8, line 34).

Regarding claim 32, Hartmaier discloses a computer readable medium encoding a computer program of instructions for executing a computer process (e.g. SCP with call monitoring module) for determining services accessible via a subscription having an account (e.g. pre-paid subscriber account) and at least a first limit in a communication system, the process comprising:
defining at least a first set of services and a second set of services (e.g. making or receiving a call and replenishment of the account) to be used with the subscription, each set of services defining services accessible via the subscription; comparing the balance of the account with the first limit;

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using the first set of services when the balance of the account does not reach the first limit; and using the second set of services when the balance reaches the first limit (col. 2, lines 17-32; col. 5, lines 4-18; col. 7, line 19 – col. 9, line 25; col. 10, lines 5-39).

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claim 3 is rejected under 35 U.S.C. 103(a) as being unpatentable over Hartmaier, as applied to claim 1, in view of U.S. Patent No. 6,097,948 by Sjodin et al, hereinafter Sjodin.

Regarding claim 3, a method as claimed in claim 1, wherein Hartmaier does not disclose a firewall.

Sjodin discloses a method of determining services accessible via a subscription in a communication system (Fig. 1) (col. 7, lines 47-54), the method further comprising: the communication system comprising a firewall (e.g. a system designed to prevent un-authorized access to or from a private network); and defining accessible services via a set of services by defining at least a firewall configuration for the set of services (col. 7, lines 47-54; col. 10, lines 53-61; col. 11, lines 8-40; col. 13, line 17 – col. 14, line 41).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the method of Hartmaier to include a firewall as taught by Sjodin. One of

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ordinary skill in the art would have been lead to make such a modification to provide a restrictive screening policy in order to restrict access of a certain application.

7. Claim 9 is rejected under 35 U.S.C. 103(a) as being unpatentable over Hartmaier, as applied to claim 1, in view of U.S. Patent No. 6,320,947 by Joyce et al, hereinafter Joyce.

Regarding claim 9, a method as claimed in claim 1, wherein: Hartmaier does not disclose the subscription is a postpaid subscription.

Joyce discloses a method of determining services accessible via a subscription (fee-based service) having an account (e.g. post-paid subscriber account) (col. 3, line 52 – col. 4, line 42) and at least a first limit (e.g. predetermined limit) in a communication system (Fig. 1) (col. 3, lines 52-65; col. 4, line 61 – col. 5, line 7; col. 7, line 58 – col. 8, line 11).

Joyce further discloses the subscription is a postpaid subscription (col. 5, line 63 – col. 6, line 3; col. 7, line 58 – col. 8, line 11);

the first limit is the maximum allowed amount of the bill (col. 9, line 50 – col. 10, line 21); and the balance of the account indicates the amount of the bill to be charged from the subscription (col. 7, line 58 – col. 8, line 11).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the method of Hartmaier to include the subscription is a postpaid subscription as taught by Joyce. One of ordinary skill in the art would have been lead to make such a modification to provide a postpaid subscription wherein the subscription allows access to chargeable services until a bill reaches the limit.

8. Claim 17 is rejected under 35 U.S.C. 103(a) as being unpatentable over Hartmaier, as applied to claim 1, in view of U.S. Patent No. 6,711,147 by Barnes et al, hereinafter Barnes.

Regarding claim 17, a communication system as claimed in claim 13, wherein: Hartmaier further discloses the communication system supports a PSTN, digital network, and stand-alone computers (col. 2, lines 33-48; col. 4, lines 13-37).

Hartmaier does not disclose the communication system supports the General Packed Radio Service (GPRS); and the connection is activated by activating a PDP context.

Barnes discloses a network, system, and method for merging GPRS and mobile IP. Wherein the wireless communication system supports the GPRS service and GPRS allows a mobile node to communicate with networks such as, the Internet or PSTN. The connection is activated by activating a PDP context (column 1, lines 54-64; column 2, line 65 – column 3, line 3).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the method of Hartmaier to include a packet service such as GPRS as taught by Barnes. One of ordinary skill in the art would have been lead to make such a modification since the development of GPRS in the GSM mobile communication system allows packet data transmission between mobile data terminals and external data networks.

Conclusion

9. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period

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will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

10. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. See PTO-892 Form.

11. Any response to this action should be mailed to:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Or faxed to:

(571) 273-8300 (for formal communications intended for entry)

Or call:

(571) 272-2600 (for customer service assistance)

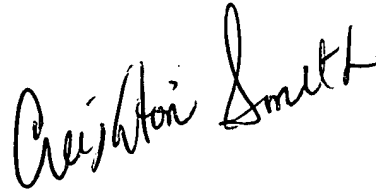
12. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lisa Hashem whose telephone number is (571) 272-7542. The examiner can normally be reached on M-F 8:30-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Fan Tsang can be reached on (571) 272-7547. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (571) 272-2600.

13. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications

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may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, reading "Creighton Smith". The signature is written in a cursive style with a large, stylized "C" and "S".

**CREIGHTON SMITH
PRIMARY EXAMINER**

lh

March 27, 2007